

ATTORNEYS AT LAW PATENTS, TRADEMARKS, AND COPYRIGHTS

479.58-3



177 POST STREET • SUITE 800 • SAN FRANCISCO, CALIFORNIA 94108 (415) 421-2674 • TELEX: 292-672 • TELEFAX: (415) 421-1663 • CABLE: PATENTS SFO

		Case Doo	cket No	4/7.50-5		
	MMISSIONER OF on, D.C. 20231	PATENTS AND TRADE	EMARKS			
Sir:						
Fransmitte	ed herewith for filin	ig is the patent application	n of			
	GOSPODAROV DOTHELIAL CI	FERRARA, DENIS WICZ and JEAN PL ELL GROWTH FACTO DLATION AND EXPR	OR,	"Express Mail mailing la Date of Deposit I hereby certify that the deposited with the U "Express Mail Post Office 37 CFR 1.10 on the caddressed to the Comminarks, Washington, D.C.	INDE I TIME I TIME I Tis correspon Tited States The to Addresse Tate indicates Tissioner of Pat Tissioner of Pat Tissioner of Pat	ndence is being Postal Service e" service under d above and is sents and Trade-
inclosed a	re:			Howard N		· · · · · · · · · · · · · · · · · · ·
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· -		sheets of drawing.		(Signature of perso	on mailing pap	per or fee)
	ignment of the inve	ention to				
☐ A certi	fied copy of a					application.
ŗ	aration and Power	-6 A				
·	EE CALCULATION -	claims as filed	ider 37 CFR 1.9	9 and 1.27.		(5) SIC FEE
	(1) FOR	(2) NUMBER FILED	(3) NUMBER E	XTRA RATE	SMALL ENTITY	OTHER
TOTAL	SMALL ENTITY	-20=		\$	3	\$370
INDEP-	OTHER SMALL ENTITY	44 -20=	24	\$12		288
CLAIMS	OTHER	- 3= 8 - 3=	5	\$ \$36	-	180
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_			!N	cludes:		
_ _	38.00	for the Filing Fee.				
J \$		for recording the Assign	iment.	•		•
Please of A dupli	charge my Deposit . cate copy of this sh	Account No. 16-1560 in eet is enclosed.	the amount of	\$		•
The Co	ommissioner is herel	by authorized to charge an ment to Account No. 16	y additional fee	s which may be re	quired un	der 37 CFR

Howard M. Peters, Reg. No. 297,202

Attorney's	Docket	No	

479.58-3

DECLARATION AND POWER OF ATTORNEY
(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT OR CIP APPLICATION)
As a below named inventor, I hereby declare that:
My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: ENDOTHELIAL CELL GROWTH FACTOR, METHODS OF
ISOLATION AND EXPRESSION
the specification of which: (complete (a).(b) or (c) for type of application)
REGULAR OR DESIGN APPLICATION
(a) is attached hereto.
(b) XX was filed on June 1, 1989 as Application Serial No. 360, 235
PCT FILED APPLICATION ENTERING NATIONAL STAGE (c) was described and claimed in International Application No filed on and as amended on
ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR
I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.
ion in accordance with Title 37. Code of Federal Regulations, 8, 1,56 (a)
In compliance with this duty there is attached an information disclosure statement. 37 CFR 1.97.
PRIORITY CLAIM
I hereby claim foreign priority benefits under Title 35. United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.
(complete (d) or (e)) (d) □ no such applications have been filed. (e) □ such applications have been filed as follows

EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO SAID APPLICATION

-						
	Country	Application No.	Date of filing (day, month, year)	of filing Date of issue Priori nth, year) (day, month, year) Claim		
-				·	☐ YES	. NO 🗆
					☐ YES	NO 🗆
					☐ YES	NO 🗆

LEY

Attorney's Docket No.

479.58-3

DECLARATION AND POWER OF ATTORNEY

(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT OR CIP APPLICATION)
As a below named inventor, I hereby declare that:
My residence, post office address and citizenship are as stated below next to my name, I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: ENDOTHELIAL CELL GROWTH FACTOR METHODS OF
EXPRESSION
the specification of which: (complete (a).(b) or (c) for type of application)
REGULAR OR DESIGN APPLICATION (a) Ais attached hereto.
(a) A is attached hereto. (b) A was filed on SUNE 1, 1989 as Application Serial No. 360, 235 and was amended on
PCT FILED APPLICATION ENTERING NATIONAL STAGE (c) was described and claimed in International Application No filed on and as amended on
ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR
I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above
ion in accordance with Title 37. Code of Federal Regulations, 8, 1,56,(2)
In compliance with this duty there is attached an information disclosure statement. 37 CFR 1.97.
PRIORITY CLAIM
I hereby claim foreign priority benefits under Title 35. United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign pplication for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.
(complete (d) or (e)) (d) □ no such applications have been filed.
(e) □ such applications have been filed as follows

EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO SAID APPLICATION

Country Application No.	Date of filing (day, month, year)	Date of issue (day, month, year)	Priority Claimed	
			☐ YES	ио 🗆
			☐ YES	ИО 🗆
			☐ YES	NO 🗆



CONTINUATION-IN-PART

(complete this part only if this is a continuation-in-part application)

I hereby claim the benefit under Title 35. United States Code. § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35. United States Code, § 112. I acknowledge the duty to disclose material information as defined in Title 37. Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

•	POWER OF ATTORNEY		
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned	
346,165	May 2, 1989	Pending	
3/6 165		(orards) (parented, pending, abandoned)	
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned	
328,181	March 24, 1989	Pending	

POWER OF ATTORNEY

As a named inventor, I hereby appoint	HOWARD M.	PETERS
Patent and Trademark Office Reg. No. Phillips. Moore, Lempio and Finley, all owith full power of substitution and revolutions are the substitution. The teby appoint appoint and to transaction and to transaction.	of the address listed below	v, my principal attorney and agents,

SEND CORRESPONDENCE TO:

PHILLIPS, MOORE, LEMPIO & FINLEY 177 Post Street, Suite 800 San Francisco, California 94108 Telephone: (415) 421-2674

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued, thereon.

Full name of sole or first inventor

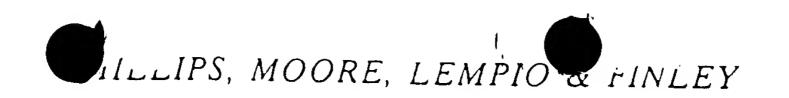
Napoleone Ferrara

Inventor's signature

Napoleone Ferrara

CHECK PROPER BOX(ES) FOR ANY ADDED PAGE(S) FORMING A PART OF THIS DECLARATION

XX Signature for third and subsequent joint inventors. Number of pages added	1
Signature by administrator(trix), executor(trix) or legal representative for decease tated inventor. Number of pages added	sed or incapaci-
Signature for inventor who refuses to sign or cannot be reached by person at 37 CFR 1.47. Number of pages added	uthorized under



Attorney's Docket No.	479.58-3	
DECLARATION AND POWER OF ATTORNEY		
(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT OR CIP APPL	ICATION)	
As a below named inventor, I hereby declare that:		
My residence, post office address and citizenship are as stated below next to am the original, first and sole inventor (if only one name is listed below) or an inventor (if plural names are listed below) of the subject matter which is claimed tent is sought on the invention entitled: ENDOTHELIAL CELL GROWTH FACTOR, METALLIAL CELL GROWTH FACTOR CELL	original, first and joint	
ISOLATION AND EXPRESSION	THODS OF	
the specification of which: (complete (a),(b) or (c) for type of application)		
REGULAR OR DESIGN APPLICATION		
(a) A is attached hereto.		
(b) was filed onJune 1, 1989 as Application Serial I and was amended on		JP.
		4/04/199
PCT FILED APPLICATION ENTERING NATIONAL STAG		
(c) was described and claimed in International Application No. on and as amended on	filed	
ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF	CANDOR	
I hereby state that I have reviewed and understand the contents of the above tion, including the claims, as amended by any amendment referred to above	_	
l acknowledge the duty to disclose information which is material to the examination in accordance with Title 37, Code of Federal Regulations, § 1.56 (a).	nation of this applica-	
In compliance with this duty there is attached an information disclosure sta	tement. 37 CFR 1.97.	
PRIORITY CLAIM	•	
I hereby claim foreign priority benefits under Title 35. United States Code. § plication(s) for patent or inventor's certificate listed below and have also identification for patent or inventor's certificate having a filing date before that which priority is claimed.		·
(complete (d) or (e))		
(d) no such applications have been filed.		
(e) such applications have been filed as follows		•

EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO SAID APPLICATION

	T			
Country Application No.	Date of filing Date of is (day, month, year) Date of is (day, month, year)		Prio Clair	
			☐ YES	ИО 🗆
			☐ YES	NO 🗆
			☐ YES	NO 🗆



(complete this part only if this is a continuation-in-part application)

I hereby claim the benefit under Title 35, United States Code. § 120 of any United States application(s) listed below and, insolar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35. United States Code, § 112. I acknowledge the duty to disclose material information as defined in Title 37. Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
(Application Senal No.)	(Filing Date)	(Status) (patented, pending, abandoned)
,	POWER OF ATTO	DRNEY
with full power of substitution	and revocation, to appoin	, and each member of the firm of ted below, my principal attorney and agents, at other principal and associate attorneys, to the Patent and Trademark Office connected
SEND CORRESPONDEN	CE TO:	
	PHILLIPS, MC 177 Post Street, S San Francisco, Ca Telephone: (415)	lifornia 94108
inprisonment, or both dider 3	ze the validity of the appli	the like so made are punishable by fine or he United States Code and that such willful cation or any patent issued thereon.
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	n Francisco, Cal	Lifornia 94116
TOFOENTLY Full name of second join NAVEX	RESIDING AT:	
nventor's signature		
Date 04/0-11940	Country of Citizensh	TIP FRANCE
	JE DES LIL	AS
Post Office Address	5019 4	ARIS
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•	DECLARATION	GE(S) FORMING A PART OF THIS ing inventor Denis Gospoda
Caroligharore for which are the part	vzentnevnácem XXX BLXOX & VI	umber of pages added
☐ Signature by administrato	r(trix), executor(trix) or legal pages added	al representative for deceased or incapaci

☐ Signature for inventor who refuses to sign or cannot be reached by person authorized under

37 CFR 1.47. Number of pages added ______

(complete this part only if this is a continuation-in-part application)

I hereby claim the benefit under Title 35. United States Code. § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35. United States Code, § 112. I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

328,181	March 24,	1989	Pending
(Application Serial No.)	(Filing Date)		(Status) (patented, pending, abandoned
- 346,165	May 2, 19	89	Pending
(Application Serial No.)	(Filing Date)		(Status) (patented, pending, abandoned
	POWER OF A	ATTORNEY	
As a named inventor, I hereby	appoint HO	WARD M.	PETERS
Patent and Trademark Office F Phillips, Moore, Lempio and Fi with full power of substitution	Reg. No. <u>29,202</u> nley, all of the addres and revocation, to ap	ss listed belo opoint other	, and each member of the firm of the f
SOD CORRESPONDENC	E TO:		
	PHILLIPS, 177 Post Stree San Francisco Telephone: (4	et, Suite 800), California	94108
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hereby declare that all state	ments made horoin o	of mu accomplian	
I hereby declare that all state nears made on information and hade with the knowledge that when some some some some some some some some	villful false statements ection 1001 of Title 18	obe true; and s and the like B of the Unite	d further that these statements were so made are punishable by fine or and that such willful
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I hereby declare that all state nears made on information and hade with the knowledge that was presented in the statement, or both under Sealse statements may jeopardize ulfiname of sole or first inventor ventor's signature esidence 2 Britto ost Office Address Bell ull name of second joint inventor ventor's signature ate 3/13/90	ction 1001 of Title 18 te the validity of the a Napoleon Country of Citizen Avenue, P. Lvedere, Cali or, if any De	s and the like and the Unite application of the Unite application of the Ferral cenship	d further that these statements were so made are punishable by fine or d States Code and that such willful or any patent issued thereon. Ta Italy 94920
I hereby declare that all state lents made on information and lade with the knowledge that with the kn	Country of Citize Country of Ci	zenship obe true; and sand the like and the Unite application of the Unite application of the Ferral cenship onis Gostal cenship zenship Frenship zenship Frenship	d further that these statements were so made are punishable by fine or and States Code and that such willful or any patent issued thereon. Ta Italy 619 94920 podarowicz ance and U.S.A.
I hereby declare that all state neals made on information and hade with the knowledge that was presented with the knowledge that was presented as a statement, or both under Seals statements may jeopardize utiliname of sole or first inventor ventor's signature esidence 2 Britto ost Office Address Be with the number of second joint inventor ventor's signature ate 3/13/90 esidence 215 Mage ost Office Address Sar	ction 1001 of Title 18 te the validity of the a Napoleon Country of Citizen Avenue, P. Lvedere, Cali or, if any De Country of Citizen Country Country Country Citizen Country Country Citizen Country Country Country Citizen Country Coun	zenship Fr Califor D PAGE(S) A	d further that these statements were so made are punishable by fine or and States Code and that such willful or any patent issued thereon. Ta Italy 619 94920 podarowicz ance and U.S.A.

☐ Signature for inventor who refuses to sign or cannot be reached by person authorized under 37 CFR 1.47. Number of pages added ______

ADDED PAGE TO COMBINED DECLARATION AND POWER OF ATTORNEY FOR SIGNATURE BY ONE JOINT INVENTOR ON BEHALF OF OMITTED INVENTOR(S) WHO REFUSES TO SIGN OR CANNOT BE REACHED

[37 C.F.R. 1.47(a)]

I. I am an above named joint inventor and have signed this declaration on my own behalf and also sign this declaration under 37 C.F.R. 1.47(a) on behalf of the omitted joint inventor, particulars for whom are:

Full Name of DENIS GOSPODAROWICZ, omitted inventor who refuses to sign.

Country of Citizenship of omitted inventor: France and United States of America.

Last known address of omitted inventor:

Home Address: Denis Gospodarowicz 215 Maynard Drive San Francisco, California 94127

Employment Address:
Dr. Denis Gospodarowicz
Department of Medicine
Cancer Research Institute M 1282
Sciences Building, Room 1179
University of California 94143

- II. Accompanying this declaration is:
 - (1) A DECLARATION OF FACTS IN SUPPORT OF FILING ON BEHALF OF OMITTED INVENTOR
 - (2) THE PETITION FEE OF \$120.00 [37 C.F.R. 1.17(h)], if needed. Authorization is made to charge or credit Deposit Account No. 16-1560.

Date:	04/04/1990	J. P
		Jean Plouet

ADDED PAGE TO COMBINED DECLARATION AND POWER OF ATTORNEY FOR SIGNATURE BY ONE JOINT INVENTOR ON BEHALF OF OMITTED INVENTOR(S) WHO REFUSES TO SIGN OR CANNOT BE REACHED

[37 C.F.R. 1.47(a)]

I. I am an above named joint inventor and have signed this declaration on my own behalf and also sign this declaration under 37 C.F.R. 1.47(a) on behalf of the omitted joint inventor, particulars for whom are:

Full Name of DENIS GOSPODAROWICZ, omitted inventor who refuses to sign.

Country of Citizenship of omitted inventor: France and United States of America.

Last known address of omitted inventor:

Home Address:
Denis Gospodarowicz
215 Maynard Drive
San Francisco, California 94127

Employment Address:
Dr. Denis Gospodarowicz
Department of Medicine
Cancer Research Institute M 1282
Sciences Building, Room 1179
University of California 94143

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, ,

Date:	04/04/1990	J. P
		Jean Plouet